



NOTIFIED BODY No. 1488
INSTYTUT TECHNIKI BUDOWLANEJ
CERTIFICATION DEPARTMENT

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CERTIFICATE OF CONSTANCY OF PERFORMANCE
1488-CPR-0570/W

In compliance with Regulation 305/2011/EU of the European Parliament and of the Council of 9 March 2011 (the Construction Products Regulation or CPR), this certificate applies to the construction product

Components of voice alarm systems
Loudspeaker type SR-S4SEB-Q and SR-S4LEB-Q

general identification, intended use, essential characteristics and parameters are described
in the Annex No. Z-1488-CPR-0570/W which is an integral part of this certificate

placed on the market under the name or trade mark of:

TOA Electronics Europe GmbH
Süderstraße 282
20537 Hamburg
Germany

and produced in the manufacturing plant:

ACOUS Corporation
33-1 Kanoko, Sato-cho, Ayabe-shi, Kyoto-fu
623-0005 Japan

This certificate attests that all provisions concerning the assessment and verification of constancy of performance described in Annex ZA of the standard:

EN 54-24:2008

under system 1 for the performance set out in this certificate are applied and that the factory production control conducted by the manufacturer is assessed to ensure the constancy of performance of the construction product.

This certificate was first issued on 26.10.2016 and will remain valid as long as neither the harmonised standard, the construction product, the AVCP methods, nor the manufacturing conditions in the plant are modified significantly, unless suspended or withdrawn by the notified product certification body.

HEAD
of the Certification Department

Katarzyna Hatowska, M.Sc. Eng.



MANAGING DIRECTOR
of Instytut Techniki Budowlanej

Marcin M. Kruk, PhD

Warsaw, 26.10.2016

Annex No. Z-1488-CPR-0570/W page 1/1
which is integral part of the certificate No 1488-CPR-0570/W

Components of voice alarm systems

Loudspeakers type SR-S4SEB-Q and SR-S4LEB-Q

List of essential characteristics of construction product according to EN 54-24:2008

Essential characteristics of the product	EN 54-24:2008	Mandated level and/or class	Assessment
	Clause		
Performance parameters under fire conditions			
Frequency response limit	4.2	-	pass
Reproducibility	5.2	-	pass
Rated impedance	5.3	-	pass
Horizontal and vertical coverage angles	5.4	-	pass
Maximum sound pressure level	5.5	-	pass
Operational reliability			
Durability	4.3	-	pass
Construction	4.4	-	pass
Marking and data	4.5	-	pass
Rated noise power (durability)	5.6	-	pass
Enclosure protection	5.18	-	pass
Durability of operational reliability, temperature resistance			
Dry heat (operational)	5.7	-	pass
Cold (operational)	5.9	-	pass
Durability of operational reliability, humidity resistance			
Damp heat, cyclic (operational)	5.10	-	pass
Damp heat, steady state (endurance)	5.11	-	pass
Durability of operational reliability, corrosion resistance			
Sulphur dioxide corrosion (endurance)	5.13	-	pass
Durability of operational reliability, impact and vibration resistance			
Impact (operational)	5.15	-	pass
Vibration, sinusoidal (operational)	5.16	-	pass
Vibration, sinusoidal (endurance)	5.17	-	pass

Declared intended use of the product: **Fire Safety**

Basic technical parameters:

Type of loudspeaker:	SR-S4SEB-Q	SR-S4LEB-Q
Environmental type:	ceiling/wall	
Type of transformer:	A type	
Rated noise power [W]:	MT-S0601 (internal mount), MT-200 (external)	
Rated noise power for 100 V line, for each taps [W]:	60/200 (with MT-S0601/MT-200)	
Rated noise power for 70 V line, for each taps [W]:	60; 30; 15 with MT-S0601 dedicated transformer 200; 120; 60 with MT-200 dedicated transformer	
Loudspeaker rated impedance [Ω]:	8	
Sensitivity (1W/4m) [dB]:	80	82
Supply voltage [V]:	100, 70	
Operating temperature [°C]:	from -10 to +55	
Enclosure protection (IP) acc. to EN 60529:	IP21C	
Dimensions (WxHxD) [mm]:	160 x 892 x 303	160 x 895 x 255
Weight [kg]:	16	
Enclosure material:	enclosure: plywood; front grille: stainless steel	

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CERTIFICATION MARK

The company

TOA Electronics Europe GmbH
Süderstraße 282
20537 Hamburg
Germany

being the manufacturer of the product

Components of voice alarm systems
Loudspeaker type SR-S4SEB-Q and SR-S4LEB-Q

is authorized to use
the ITB certification mark „WYRÓB BUDOWLANY”
during the period of validity of the certificate no. 1488-CPR-0570/W



1488-CPR-0570/W

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